


 ID 25090
 CM 1409

 State of New Jersey
 Department of Environmental Protection

Return forms to:

 INDUSTRIAL SURVEY PROJECT
 P.O. BOX 251
 TRENTON, NEW JERSEY 08602

OFFICE OF THE COMMISSIONER

SELECTED SUBSTANCE REPORT

PART I - General Plant Information

COMPLETE ONE REPORT FOR EACH PLANT SITE OR FACILITY LOCATION

1. Company Name Electric Hose and Rubber, Dayco Corporation
 2. Division or Plant Name National Hose Division
 3. Mailing Address (Street) P.O. Box 151,
(City/Town) Dover County Morris State NJ Zip Code 07801
 4. Plant Location Address (Street) Richboynton Road
(If not as above) Dover County Morris State NJ Zip Code 07801
 5. Date Plant Began Operations At This Location 1940
 6. Person to Contact Regarding this Report John Elia Title Quality Control Manager
 7. Phone Number (Area Code) (201) 366-1050
 8. SIC Code (Four Digit) 3050
 9. Nature of Business Manufacture of rubber industrial hose
 10. Number of Production Employees at this Plant Site 268
 11. Does this plant manufacture, process, form, repackage, release, use, dispose of or store any of the selected substances shown on Table I of the enclosed instructions? (Check One) YES ☒ NO ☐
- If your answer to number 11 is "YES", complete the Entire Report for your facility, sign and return.
- If your answer to number 11 is "NO", complete Question 15, sign and return.

I, HEREBY, CERTIFY THAT ALL STATEMENTS MADE BY ME IN THIS REPORT ARE TRUE, COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND THAT ESTIMATES WHERE USED HAVE BEEN MADE IN GOOD FAITH.

 NAME (Print) John R. Elia Signature John R. Elia
 Title Quality Control Manager Date April 09, 1980

12A. Sketch (On the reverse side of this page) or attach a copy of a map indicating the exact location of the plant site.

12B. Supply your Dun & Bradstreet number if available. 04-106-6200

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 20692700001
 FEB 4 1980

 DAYCO CORPORATION
 -DEL CORP-
 333 W FIRST ST
 DAYTON OHIO
N 45261A 2X D & B 041066200

466 216 3041

45402

100869



SELSUB 015 0723

PART I - General Information (continued)

13. List all of the selected substances included in this report along with their CAS Numbers (From Table I of the instructions) which are manufactured, processed, formed, repackaged, released, used, disposed of or stored at the plant site:

Zinc 7440-66-6

Lead 7439-92-1

Trichloroethane 71-55-6

Bis (2-Ethylhexyl) Phthalate 117-81-7

14. Wastewater Discharges - Complete the following information:

A. Discharge to publicly owned treatment works (POTW):

1. Name of Utility (POTW) Dover Sewer System

Address/Location Dover, NJ

2. Estimated Average Volume of Wastewater Discharged to POTW in a day.

0.04 MGD gallons.

3. Briefly describe any pretreatment methods None

4. Wastewater consists of: () Process Water, (X) Contact Cooling, (X) Non-Contact Cooling, (X) Domestic Sewage, () Contaminated Storm Water, (X) Washdown Water, () Scrubber Water, () Other;

B. Discharge to Navigable Waterway or Tributary Stream:

1. Name of Receiving Stream Rockaway River

2. NPDES Permit Number N.J. 0002712

3. Estimated average volume of wastewater discharged to receiving stream in a day

0.67 MGD gallons.

4. Briefly describe any treatment methods None as of this writing, but within

one (1) month all contact cooling water discharge to be stopped.
Approx. reduction 0.07 MGD.

5. Wastewater consists of: () Process Water, (X) Contact Cooling, (X) Non-Contact Cooling, () Domestic Sewage, () Contaminated Storm Water, () Washdown Water, () Scrubber Water, () Other; Storm water, boiler blowdown

15. Previous disposal practices (1930-1977). Has this plant previously disposed of wastes containing any of the selected substances at any land disposal site (i.e. by land spreading or burial, landfilling, lagoon or seepage pit) either on or off site?

YES ☒ NO ☐

If available provide the following information for each disposal site. Use additional pages if necessary.

Name and Location of Site _____

Time period site was used _____

Name of selected substances
disposed of at this site

Physical
State

Amount of selected substan
disposed at site (pounds)

State of New Jersey
Department of Environmental Protection

SELECTED SUBSTANCE REPORT

SELSUB 015 0724

FOR DEP USE

RT II

COMPLETE ONE FORM FOR EACH SELECTED SUBSTANCE

Name and Location of Plant

Dayco Corp., National Hose Division, Dover, NJ 07801

Selected Substance Name

CAS #

7440-66-6

I.D.

Zinc

Briefly Describe Its Use On The Site:

The selected substance is in the form of Zinc Oxide. It serves as an activator and undergoes physical and chemical incorporation and loss of identity in the manufacture of rubber.

COMPLETE THE FOLLOWING INFORMATION FOR THE PLANT BASED ON 1978 USAGE	ENTER THE ACTUAL OR ESTIMATED AMOUNTS	USE THE REQUESTED UNITS	ACTUAL	EST MAT
4. QUANTITY PRODUCED ON SITE	0	lbs/yr.	X	
5. QUANTITY BROUGHT ONTO SITE	68,400	lbs/yr.		X
6. QUANTITY CONSUMED ON SITE	60,800	lbs/yr.		X
7. QUANTITY SHIPPED OFF SITE AS (OR IN) PRODUCT	53,200	lbs/yr.		X
8. MAXIMUM INVENTORY	15,200	lbs		X
9. TOTAL STACK EMISSIONS OF SELECTED SUBSTANCE		lbs/yr.		
		max lbs/day		
10. TOTAL FUGITIVE EMISSIONS OF SELECTED SUBSTANCE		lbs/yr.		
		max lbs/day		
11. TOTAL DISCHARGE OF SELECTED SUBSTANCE INTO SURFACE WATER		lbs/yr.		
		max lbs/day		
12. TOTAL DISCHARGE OF SELECTED SUBSTANCE INTO PUBLICLY OWNED TREATMENT WORKS		lbs/yr.		
		max lbs/day		

DISPOSAL OF WASTE CONTAINING THE SELECTED SUBSTANCE

LOCATION OF FINAL DISPOSAL SITE NAME AND ADDRESS	PHYSICAL STATE TABLE A	DISPOSAL METHOD TABLE B	QUANTITY OF SELECTED SUBSTANCE DISPOSED (lbs)	FOR DEP USE
Filiberto Sanitation				14107 A
Parker Road, Chester, NJ	W-01	M-12	5,542	

TABLE A
PHYSICAL STATE

W-01 Solid
W-02 Liquid
W-03 Slurry
W-04 Gas
W-05 Other (specify)

M-01 Composting
M-02 Evaporation
M-03 Holding Tank
M-04 Incineration
M-05 Injection Well
M-06 Lagoon

TABLE B
DISPOSAL METHODS

M-07 Land Filling
M-08 Land Spreading
M-09 Neutralization
M-10 Ocean
M-11 Recycling
M-12 Surface Landfill

M-13 Surface Water
M-14 Subsurface System
M-15 Pyrolysis
M-16 Spray Irrigation
M-17 Storage On Site
M-18 Other (specify)

Page 2 of 7
Zinc
April 09, 1980

Zinc - Cas No. 7440-66-6

Zinc Oxide is used in a 1.5% impurity level per pound of rubber.
Zinc makes up 76% of the molecular weight of Zinc Oxide.

Information was calculated in the following manner:

A 486,224 lbs. of rubber processing Zinc Oxide.

B 7,293 % of Zinc Oxide in lbs.

C 5,542 % of Zinc in lbs.

(A) - 98.5% = B

(B) - 24% = C



State of New Jersey
Department of Environmental Protection

SELECTED SUBSTANCE REPORT

SELSUB 015 0726

FOR DEP USE

PART II

COMPLETE ONE FORM FOR EACH SELECTED SUBSTANCE

1. Name and Location of Plant Dayco Corp., National Hose Division, Dover, NJ	07801 CAS #	I.D.
2. Selected Substance Name Lead	7439-92-1	
3. Briefly Describe Its Use On The Site: The selected substance is in the form of Lead Oxide. It serves as an activator and undergoes physical and chemical incorporation and loss of identity in the manufacture of rubber.		

	COMPLETE THE FOLLOWING INFORMATION FOR THE PLANT BASED ON 1978 USAGE	ENTER THE ACTUAL OR ESTIMATED AMOUNTS	USE THE REQUESTED UNITS	ACTUAL	E M
THROUGH-PUT QUANTITIES	4. QUANTITY PRODUCED ON SITE	0	lbs/yr.	X	
	5. QUANTITY BROUGHT ONTO SITE	2,180	lbs/yr.		
	6. QUANTITY CONSUMED ON SITE	2,180	lbs/yr.		
	7. QUANTITY SHIPPED OFF SITE AS (OR IN) PRODUCT	1,324	lbs/yr.		
	8. MAXIMUM INVENTORY	993	lbs		
AIR EMISSIONS	9. TOTAL STACK EMISSIONS OF SELECTED SUBSTANCE		lbs/yr.		
			max lbs/day		
	10. TOTAL FUGITIVE EMISSIONS OF SELECTED SUBSTANCE		lbs/yr.		
			max lbs/day		
WASTEWATER DISCHARGE	11. TOTAL DISCHARGE OF SELECTED SUBSTANCE INTO SURFACE WATER		lbs/yr.		
			max lbs/day		
	12. TOTAL DISCHARGE OF SELECTED SUBSTANCE INTO PUBLICLY OWNED TREATMENT WORKS		lbs/yr.		
			max lbs/day		

13. DISPOSAL OF WASTE CONTAINING THE SELECTED SUBSTANCE

LOCATION OF FINAL DISPOSAL SITE NAME AND ADDRESS	PHYSICAL STATE TABLE A	DISPOSAL METHOD TABLE B	QUANTITY OF SELECTED SUBSTANCE DISPOSED (lbs)	FOR DEP USE
1. Filiberto Sanitation	W-01	M-12	855	14075
Parker Road, Chester, NJ				
2.				
3.				
4.				
5.				

TABLE A

PHYSICAL STATE

- W-01 Solid
- W-02 Liquid
- W-03 Slurry
- W-04 Gas
- W-05 Other (specify)

- M-01 Composting
- M-02 Evaporation
- M-03 Holding Tank
- M-04 Incineration
- M-05 Injection Well
- M-06 Landfill

TABLE B

DISPOSAL METHODS

- M-07 Land Filling
- M-08 Land Spreading
- M-09 Neutralization
- M-10 Oxidation
- M-11 Recycling
- M-12 Sanitary Landfill

- M-13 Surface Water
- M-14 Subsurface System
- M-15 Incineration
- M-16 Spray Incineration
- M-17 Storage On Site
- M-18 Other (specify)

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Lead
April 09, 1980

Lead - Cas No. 7439-92-1

Lead Oxide is used in a 2.56% impurity level per pound of rubber.
Lead makes up 86% of the molecular weight of Lead Oxide.

Information was calculated in the following manner.

A	38,897	lbs. of rubber containing Lead Oxide
B	995	% of Lead Oxide in lbs.
C	856	% of Lead in lbs.

(A) - $97.44\% = B$

(B) - $14\% = C$

State of New Jersey
Department of Environmental Protection

SELSUB 015 0728



FOR DEP USE

ART II

COMPLETE ONE FORM FOR EACH SELECTED SUBSTANCE

Name and Location of Plant

Dayco Corp., National Hose Division, Dover, NJ 07801

Selected Substance Name

CAS #

III Trichloroethane

71-55-6

Briefly Describe Its Use On The Site:

Selected substance is applied to base tube in preparation for reinforcement layer. Disposal method M-02

COMPLETE THE FOLLOWING INFORMATION FOR THE PLANT BASED ON 1978 USAGE		ENTER THE ACTUAL OR ESTIMATED AMOUNTS	USE THE RE- QUESTED UNITS	ACT- UAL	ES MA
QUANTITIES	4. QUANTITY PRODUCED ON SITE	0	lbs/yr.	X	
	5. QUANTITY BROUGHT ONTO SITE	53,280	lbs/yr.	X	
	6. QUANTITY CONSUMED ON SITE	45,760	lbs/yr.	X	
	7. QUANTITY SHIPPED OFF SITE AS (OR IN) PRODUCT	0	lbs/yr.	X	
	8. MAXIMUM INVENTORY	8,000	lbs		X
EMISSIONS	9. TOTAL STACK EMISSIONS OF SELECTED SUBSTANCE		lbs/yr.		
			max lbs/day		
	10. TOTAL FUGITIVE EMISSIONS OF SELECTED SUBSTANCE	45,760	lbs/yr.		X
		182	max lbs/day		X
DISCHARGE	11. TOTAL DISCHARGE OF SELECTED SUBSTANCE INTO SURFACE WATER		lbs/yr.		
			max lbs/day		
	12. TOTAL DISCHARGE OF SELECTED SUBSTANCE INTO PUBLICLY OWNED TREATMENT WORKS		lbs/yr.		
			max lbs/day		

13. DISPOSAL OF WASTE CONTAINING THE SELECTED SUBSTANCE

LOCATION OF FINAL DISPOSAL SITE NAME AND ADDRESS	PHYSICAL STATE TABLE A	DISPOSAL METHOD TABLE B	QUANTITY OF SELECTED SUBSTANCE DISPOSED (lbs)	FOR DEP USE
1.				
2.				
3.				
4.				
5.				

TABLE A
PHYSICAL STATEW-01 Solid
W-02 Liquid
W-03 Slurry
W-04 Sludge
W-05 Other (specify)M-01 Composting
M-02 Evaporation
M-03 Holding Tank
M-04 Incineration
M-05 Injection Well
M-06 LandfillTABLE B
DISPOSAL METHODSM-07 Land Burial
M-08 Land Spreading
M-09 Neutralization
M-10 Other
M-11 Recycling
M-12 Sanitary LandfillM-13 Surface Water
M-14 Subsurface System
M-15 Pyrolysis
M-16 Spray Incineration
M-17 Storage On Site
M-18 Other (specify)

State of New Jersey
Department of Environmental Protection

SELECTED SUBSTANCE REPORT

SELSUB 015 0729

FOR DEP USE

PART II

COMPLETE ONE FORM FOR EACH SELECTED SUBSTANCE

1. Name and Location of Plant

Dayco Corp., National Hose Division, Dover, NJ 07801

2. Selected Substance Name

Bis (2-Ethylhexyl) Phthalate

CAS #

117-81-7

3. Briefly Describe Its Use On The Site:

Selected substance undergoes physical mixture in the manufacture of rubber.

COMPLETE THE FOLLOWING INFORMATION FOR THE PLANT BASED ON 1978 USAGE		ENTER THE ACTUAL OR ESTIMATED AMOUNTS	USE THE RE- QUESTED UNITS	ACT- UAL
THROUGH-PUT QUANTITIES	4. QUANTITY PRODUCED ON SITE	0	lbs/yr.	X
	5. QUANTITY BROUGHT ONTO SITE	280,125	lbs/yr.	X
	6. QUANTITY CONSUMED ON SITE	263,475	lbs/yr.	X
	7. QUANTITY SHIPPED OFF SITE AS (OR IN) PRODUCT	260,130	lbs/yr.	X
	8. MAXIMUM INVENTORY	36,000	lbs	X
AIR EMISSIONS	9. TOTAL STACK EMISSIONS OF SELECTED SUBSTANCE		lbs/yr.	
			max lbs/day	
	10. TOTAL FUGITIVE EMISSIONS OF SELECTED SUBSTANCE		lbs/yr.	
			max lbs/day	
WASTEWATER DISCHARGE	11. TOTAL DISCHARGE OF SELECTED SUBSTANCE INTO SURFACE WATER		lbs/yr.	
			max lbs/day	
	12. TOTAL DISCHARGE OF SELECTED SUBSTANCE INTO PUBLICLY OWNED TREATMENT WORKS		lbs/yr.	
			max lbs/day	

13. DISPOSAL OF WASTE CONTAINING THE SELECTED SUBSTANCE

LOCATION OF FINAL DISPOSAL SITE NAME AND ADDRESS	PHYSICAL STATE TABLE A	DISPOSAL METHOD TABLE B	QUANTITY OF SELECTED SUBSTANCE DISPOSED (lbs)	FOR DEP USE
1. Filiberto Sanitation Parker Road, Chester, NJ	W-01	M-12	3,345	1407A
2.				
3.				
4.				
5.				

TABLE A
PHYSICAL STATEW-01 Solid
W-02 Liquid
W-03 Slurry
W-04 Gas
W-05 Other (specify)M-01 Composting
M-02 Evaporation
M-03 Holding Tank
M-04 Incineration
M-05 Injection Well
M-06 LandfillTABLE B
DISPOSAL METHODSM-07 Land Burial
M-08 Land Spreading
M-09 Neutralization
M-10 Ocean
M-11 Recycling
M-12 Sanitary LandfillM-13 Surface Water
M-14 Subsurface System
M-15 Pyrolysis
M-16 Spray Irrigation
M-17 Storage On Site
M-18 Other (specify)

Page 7 of 7
Bis (2-Ethylhexyl) Phthalate
April 09, 1980

Bis (2-Ethylhexyl) Phthalate - Cas No. 117-81-7

Bis (2-Ethylhexyl) Phthalate is present in a impurity level of 3.68% per lbs. of rubber.

Information was calculated in the following manner.

A 90,923 lbs. of rubber pocessing 117-81-7

B 3,345 lbs. of 117-81-7

(A) - 96.32% = B